Study App High Level Requirements

1. Purpose
   a. Studying and socializing are critical to the success of Penn State students. This application bridges the gap between students and their community resources. It provides an interactive social network that allows students to communicate with and meet up with their peers in order to study and participate in extracurricular activities. This application will create a more supportive and engaged campus community.

2. Glossary
   a. User
      i. A person who actively participates at the Penn State Harrisburg Campus and uses the app
   b. Group
      i. A collective of two or more Users that can interact with each other
   c. Board
      i. A place for Users in a group to discuss topics relevant to their Group
   d. Event
      i. A meeting scheduled for Users with a time, location, name, and (optional) description
   e. Leader
      i. The User that has remained in the group the longest. Upon creation of a Group, the User that created the group is automatically deemed the Leader.

3. User
   a. Users must be able to register
   b. Users must be able to login
   c. Users must have access to a map of the campus
   d. Users must be able to mark their location and availability
   e. Users must be able to search for a list of other Users
      i. Users may be able to find people based on their course history, location and availability

f. Users must have a profile

    i. Users must have a profile picture

    ii. Users must have a description

    iii. Users must have the option to display personal details

g. Users must be able to create Groups

    i. Leaders of groups must be able to delete Groups, add/remove members, or change permissions

    ii. The Leader must be able to set the Group as public or private. Members of private groups may be able to invite others to join.

    iii. Leaders of groups must be able to create Boards within the Group

    iv. Groups must have a calendar that everyone in the group can view

h. Users must be able to leave Groups

i. Users must be able to set events

    i. Users must be able to invite other Users to see or participate in events

    ii. Users who created an event must be able to remove Users from the event

    iii. Users must be able to to see on the map where the event will take place

    iv. Users must be able to see public events

    v. Users must be able to join events

j. Users must be able submit course history to the app

    i. Users must be able to allow other Users to see if they are currently or have previously taken a course another User is currently taking

    ii. Users must be able to signify to other users that they are willing to answer questions if they have previously taken the same course a User is taking